

TYPE SPECIMENS IN THE MACLEAY MUSEUM, UNIVERSITY OF SYDNEY

II. AMPHIBIANS AND REPTILES

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Synopsis

The existing amphibian and reptilian type specimens in the Macleay Museum are listed by families in current phylogenetic order.

INTRODUCTION

The Macleay Museum at the University of Sydney contains a comprehensive zoological collection including a number of Australian type specimens. Lists of insect types (Hahn, 1962) and fish types (Stanbury, 1968) have been published. Further lists are being compiled. This paper lists the existing amphibian and reptilian type specimens in the Macleay Museum and their current taxonomic status. In all 7 amphibian and 58 reptilian types are catalogued.

The majority of the amphibian and reptilian types were collected on the "Chevert" expedition led by William Macleay to coastal north Queensland, Torres Straits and the southern coast of New Guinea in 1875 (Macmillan, 1957). All these were named and described by Macleay (1877a, b, c, d). Other type material was collected for Macleay by collectors in Australia, but since his death few types have been lodged in the Museum.

Several Macleay types appear to have been lost. The Museum has had a varied history (Anderson, 1965) with changes in location during which some specimens were presumably misplaced. In addition there have been periods without adequate curatorship when some types, particularly the geckos, dried out. As a result, some of the species described by Macleay have had to be ignored in subsequent taxonomic studies, particularly as his original descriptions now seem inadequate to define the species.

The types are stored in glass jars in 70% alcohol. The Macleay Museum Register numbers (R numbers) were entered in 1965 by the previous curator, Mrs. J. Anderson. These numbers were combined with the numbers given to some, but not all, specimens by S. J. Copland in 1945. Copland numbers have been given the prefix MR and where applicable they appear after the present R numbers in the list of type specimens.

AMPHIBIAN TYPES

From the collection of the "Chevert" expedition, Macleay (1877d) described five new species of frogs, of which two are lodged in the Macleay Museum, two in the Queensland Museum, and one, *Litoria dorsalis*, appears to have been lost. Neither Boulenger (1882) nor Fry (1913) were able to classify this species on the basis of Macleay's description. Apart from Macleay's specimens, five other amphibian types are lodged in the Museum.

REPTILIAN TYPES

ORDER SQUAMATA

Fam. *Scincidae*. Of the 19 scincid type specimens in the Museum, the majority were collected on the "Chevert" expedition (Macleay 1877b), and many still stand as holotypes. However, some of the material could not be identified further than genus and status of such specimens is doubtful. Three species described by Macleay could not be located in the collection. The missing types are *Heteropus bicarinatus* (1877b), *Tetradactylus guttulatus* (1885) and *Hinulia picta* (1885). Of these, the first is of the most importance, as it stands as the holotype of *Leilopisma bicarinata* (Macleay) (see Loveridge, 1934). *Tetradactylus guttulatus* was ascribed to the genus *Lygosoma* by Boulenger (1887), and *Hinulia picta* was synonymized with *Tiliqua gerrardii* (Gray) by Mitchell (1950).

Fam. *Gekkonidae*. The gekkonid series in the Museum includes 10 types described by Macleay (1877c), only one of which, *Peripia dubia*, is missing. These types were examined in detail by Kluge (1963), who clarified their systematic status as follows:

Diplodactylus annulatus = ? *Phyllodactylus annulatus* (Macleay) R487-488
Peripia papuensis = *Hemidactylus frenatus* Dumeril and Bibron R480-481
Peripia ornata = *Lepidodactylus lugubris* (Dumeril and Bibron) R484-485
Peripia longicaudis = *Gehyra variegata* (Dumeril and Bibron) R482
Peripia dubia *Gehyra variegata* (Dumeril and Bibron) Not present
Peripia marmorata = *Gehyra baliola* (Dumeril) R477
Peripia brevicaudis = *Gehyra baliola* (Dumeril) R475
Heteronota fasciata = *Cyrtodactylus pelagicus* (Girard) R176
Heteronota marmorata = *Cyrtodactylus pelagicus* (Girard) R178, 181-183
Heteronota eboracensis = *Cyrtodactylus pelagicus* (Girard) R207.

Fam. *Agamidae*. Five new agamid species were described by Macleay (1877c, 1883), but only three types are still present in the Museum. Of the two missing, one, *Grammatophora jugularis* (1877c), cannot be placed further than the genus *Amphibolurus* (Boulenger 1885), and the other, *Tiaris longii* (1877c), has been placed in synonymy with *Gonycephalus godeffroyi* (Boulenger 1885).

ORDER SERPENTES

Fam. *Colubridae*. Nine new colubrid snakes were collected on the "Chevert" expedition (Macleay 1877a) and are all present in the Museum today. Six additional species described by Macleay (1875, 1877e, 1883, 1884, 1888) are also listed. However, three of Macleay's types are missing; viz. *Tropidonotus ater* (1885), *Fordonia variabilis* (1877e) and *Dendrophis olivacea* (1877e).

Fam. *Elapidae*. Two new species of elapids were collected on the "Chevert" expedition (Macleay 1877a). An additional eight type species (Macleay 1878, 1884, 1885, 1887, 1888) are present in the Museum.

LIST OF TYPES

The types are listed by families in current phylogenetic order.

An asterisk in the locality column indicates that the specimen(s) was collected on the "Chevert" expedition.

References are given for the scientific name under which a type was originally described and for the present name.

AMPHIBIA Family	Name under which Described and Reference Proc. Linn. Soc. N.S.W.	Present Names and Reference	Type of Type, No. and Condition	Locality	M.M. Reg. No.
Leptodactylidae	<i>Philodryphus flavoguttatus</i> Fletcher, 1894. 8 : 233	<i>Heleioporus australiacus</i> (Shaw) Moore, 1961. Bull. Am. Mus. Nat. Hist., 121 : 179	Lectotype, 1 male, fair condition	Mt. Victoria, Blue Mountains, New South Wales	R49
			Allotype, 1 female, fair condition	Thornleigh, Sydney, New South Wales	R50
					Notes : Moore (p. 183) : " I have never found a reference to the existence of the type <i>Rana australica</i> ", and it is therefore suggested that Fletcher's specimens stand as lectotype (R49) and allotype (R50)
	<i>Phanerois fletcheri</i> Boulenger, 1890. 5 : 693	<i>Lechrocephalus fletcheri</i> (Boulenger) Loveridge, 1935. Bull. Mus. Comp. Zool., 78 : 22	Cotype 1, good condition	Dunoon, Richmond River, New South Wales	R57
					Notes : Collected Fletcher
	<i>Rana stellaris connexiusculus</i> Macleay, 1877. 2 : 136	<i>Limnonophylax convexiusculus</i> (Macleay) Moore, 1961. Bull. Am. Mus. Nat. Hist., 121 : 354	Not present 1968	Katow (Binaturi River), New Guinea *	R145
					Notes : Moore (p. 354) : Holotype in Queensland Museum
Hylidae	<i>Litoria guttata</i> Macleay, 1877. 2 : 137	<i>Hyla infravittata infravittata</i> (Günther) Loveridge, 1948. Bull. Mus. Comp. Zool., 101 : 402	Type 1, poor condition	Katow (Binaturi River), New Guinea *	R144
					Notes : Holotype in Australian Museum
Microhylidae	<i>Hylophorus rufescens</i> Macleay, 1877. 2 : 136	<i>Asterophry斯 rufescens</i> (Macleay) Loveridge, 1948. Bull. Mus. Comp. Zool., 101 : 416	Type 1, poor condition	Katow (Binaturi River), New Guinea *	R145
					Notes : Holotype in Australian Museum
	<i>Astrochaperina robusta</i> Fry, 1912. Rec. Aust. Mus. p. 93	<i>Sphenophryne robusta</i> (Fry) Moore, 1961. Bull. Am. Mus. Nat. Hist., 121 : 333	Cotypes 6, good condition	Russell River, N. Queensland	R53
					Notes : Holotype in Australian Museum
	<i>Astrochaperina ornata</i> Fry, 1912. Rec. Aust. Mus. 9 : 91	<i>Cophixalus ornatus</i> (Fry) Loveridge, 1935. Bull. Mus. Comp. Zool., 78 : 55	Cotype 1, fair condition	Russell River, N. Queensland	R54
					Notes : Holotype in Australian Museum

Family	Name under which Described and Reference Proc. Linn. Soc. N.S.W.	Present Names and Reference	Type of Type, No. and Condition	Locality	M.M. Reg. No.
Microhylidae	<i>Chaperina punctata</i> van Kampen, 1913. Nova Guinea. 9 : 643	<i>Sphenophryne macrorhyncha</i> (van Kampen) Loveridge, 1948. Bull. Mus. Comp. Zool., 101 : 421	Cotype 1, fair condition	Went Range, New Guinea 1050 m.	Dutch R.56
	Notes : Collected on Dutch New Guinea expedition, October, 1909. This specimen was forwarded from the curators of the Amsterdam Museum in 1914				
Ranidae	<i>Hylarana nebulosa</i> Macleay, 1877. 2 : 137	<i>Rana daeneli</i> (Steindachner) Loveridge, 1948. Bull. Mus. Comp. Zool., 101 : 410	Not present, 1968	Cape York, N. Queensland	
	Notes : Moore (1961, p. 345) : Holotype in the Queensland Museum				
REPTILA Scincidae	<i>Himantia pardalis</i> Macleay, 1877. 2 : 63	<i>Sphenomorphus pardalis pardalis</i> (Macleay) Copland, 1945. Proc. Linn. Soc. N.S.W., 70 : 292	Type 1, fair condition	Barrow Island, Australia *	N.E. R.93, MR21
	Notes : Copland gives a detailed redescription of this type, and discusses the distribution of the species and its taxonomic relationships				
	<i>Moorea nigricaudis</i> Macleay, 1877. 2 : 63	<i>Sphenomorphus nigricaudis</i> (Macleay) Copland, 1945. Proc. Linn. Soc. N.S.W., 70 : 299	Type series 5, fair to good condition	Darney Island, Torres Straits *	B74, MR376-380
	Notes : Copland (1945) has redescribed Macleay material, and selected MR378 as the lectotype and MR376, 377, 379 and 380 as para-types				
	<i>Himantia spaldingi</i> Macleay, 1877. 2 : 63	<i>Sphenomorphus spaldingi</i> (Macleay) Loveridge, 1934. Bull. Mus. Comp. Zool., 77 : 346	Type series 4, good condition	Endeavour River, N. Queensland *	R82, MR418-421
	Notes : Boulenger (1887, p. 225) synonymized this species with <i>Lygosoma (Himantia) lesserti</i> Gray, although it obviously fits his description of the closely related species <i>Lygosoma (Himantia) dorsale</i> Boulenger (p. 226). Loveridge (1934) placed Macleay's <i>Himantia spaldingi</i> and <i>Lygosoma dorsale</i> Boulenger in synonymy as <i>Sphenomorphus spaldingi</i> (Macleay). Copland (1946) in his description of the Macleay specimens, selected MR419 as a lectotype and 418, 420, 421 as paratypes				
	<i>Himantia papuensis</i> Macleay, 1877. 2 : 62	<i>Sphenomorphus megaspila</i> (Macleay) Loveridge, 1948. Bull. Mus. Comp. Zool., 101 : 346	Type 1, good condition	Katow (Binaturi River), New Guinea *	R66, MR383
	Notes : Boulenger (1887, p. 247) places this species as a ? synonym of <i>Lygosoma (Himantia) jobiensis</i> Meyer. It fits Boulenger's description closely with the exception of the presence of 6 supraoculars against 5 in <i>L. jobiensis</i> . Boulenger also synonymizes <i>Himantia megaspila</i> Gunther into <i>L. jobiensis</i> but Loveridge removes the former to the genus <i>Lygosoma (Sphenomorphus) megaspila megaspila</i> (Gunther) and places Macleay's <i>H. papuensis</i> as a second subspecies. Advancing the subgenus <i>Sphenomorphus</i> to generic level, the species now stands as <i>Sphenomorphus megaspila papuensis</i> (Macleay)				

Family	Name under which Described and Reference Proc. Linn. Soc. N.S.W.	Present Names and Reference	Type of Type, No. and Condition	Locality	M.M. Reg. No.
Seinoidae	<i>Lygosoma ornatum</i> Macleay, 1877. 2: 64	? <i>Sphenomorphus crassicaudus</i> (A. Dumeril) Boulenger, 1887. Cat. Liz. Brit. Mus., 3: 325	Type 1, good condition	Endeavour River, N. Queensland	R1012, MR367*
	Notes: This species agreed with Boulenger's description of <i>Lygosoma (Homolepida) crassicaudata</i> A. Dumeril. Loveridge (1934, p. 307) discusses <i>Homolepida crassicaudum</i> (A. Dumeril) (with no mention of Macleay's <i>Lygosoma ornatum</i>), then in 1948 (p. 318) he lists it as <i>Lygosoma (Lygosoma) crassicauda</i> A. Dumeril. Mittleman (1952) lists the species as <i>Sphenomorphus crassicaudus</i> (A. Dumeril) but since both the last two papers do no more than list this species, it can only be suggested that <i>Lygosoma ornatum</i> Macleay stands as <i>Sphenomorphus crassicaudus</i> (A. Dumeril)				
	<i>Lygosoma fragile</i> Macleay, 1877. 2: 64	<i>Sphenomorphus</i> ? sp.	Type 1, fair condition	Hall Sound, New Guinea	R51, MR392*
	Notes: Boulenger (1887, p. 209) ascribes this species only to the genus <i>Lygosoma</i> Gray. An attempt to identify this specimen from Boulenger's key only resulted in its classification to the subgenus <i>Hinulia</i> (Gray), i.e. genus <i>Sphenomorphus</i> Fitzinger (Mittleman, 1952)				
	<i>Hinulia atrocostata</i> Macleay, 1877. 2: 62	<i>Sphenomorphus</i> ? sp.	Type 1, good condition	Katow (Binaturi River), New Guinea	R91, MR381*
	Notes: Boulenger (1887, p. 209) ascribes this species only to the genus <i>Lygosoma</i> Gray. As with <i>Lygooma fragile</i> this species could not be identified further than the subgenus <i>Hinulia</i> by Boulenger's key, i.e. genus <i>Sphenomorphus</i> Fitzinger (Mittleman, 1952)				
	<i>Mabouia irrorata</i> Macleay, 1877. 2: 66	<i>Emoia atrocostata</i> irrora (Macleay) Loveridge, 1948. Bull. Mus. Comp. Zool., 101: 372	Type 1, good condition	Hall Sound, New Guinea	R106, MR188*
	Notes: Boulenger listed this species as a ? synonym of <i>Lygosoma (Emoia) atrocostatum</i> (Lesson) which was verified by examination of the Macleay specimen				
	<i>Mabouia marmorata</i> Macleay, 1877. 2: 65	<i>Emoia atrocostatum</i> (Lesson) Boulenger, 1887. Cat. Liz. Brit. Mus., 3: 295	Type 1, good condition	Long Island, Torres Straits	R59, MR465*
	Notes: Boulenger listed this species as a ? synonym of <i>Lygosoma (Emoia) atrocostatum</i> (Lesson) which was verified by examination of the Macleay specimen				
	<i>Euprepis simillimus</i> Macleay, 1877. 2: 69	<i>Emoia cyanogaster</i> (Lesson) Boulenger, 1887. Cat. Liz. Brit. Mus., 3: 292	Type series 3, good condition	Katow (Binaturi River), New Guinea	R67-89, MR438-440*
	Notes: Boulenger (1887, p. 292) lists this species as a synonym of <i>Lygosoma (Emoia) cyanogaster</i> (Lesson) and this was verified by comparison of Macleay's specimen with Boulenger's description. The specimens are smaller than Macleay's <i>Euprepis longicaudis</i> , which also key to <i>L. cyanogaster</i> and are possibly juveniles				

Family	Name under which Described and Reference	Present Names and Reference	Type of Type, No. and Condition	Locality	M.M. Reg. No.
Scincidae	<i>Euprepis longicaudis</i> Macleay, <i>Emoia cyanogaster</i> (Lesson) 1877. 2 : 68	<i>Emoia cyanogaster</i> (Lesson) Type series 5 fair con.	Darnley Island, Torres Straits *	R97, MR537-541	
	<i>Euprepis longicaudis</i> Macleay 1877. 2 : 68	<i>Notes</i> : Boulenger (1887, p. 297) lists this species as a synonym of <i>Lygosoma (Emoia) nigrum</i> (Hombron and Jacquinot). However, from Boulenger's key and descriptions, <i>Euprepis longicaudis</i> agrees with <i>L. (Emoia) cyanogaster</i> (Lesson) (Boulenger, 1887, p. 292)			
	<i>Euprepis submetallicus</i> <i>Emoia baudinii palliiceps</i> Macleay, 1877. 2 : 69 Vis.	Type series 3, fair condition	Hall Sound, New Guinea	R75-77, MR518-520	
	<i>Euprepis submetallicus</i> <i>Emoia baudinii palliiceps</i> Macleay, 1877. 2 : 69 Vis.	<i>Notes</i> : Boulenger (1887, p. 209) refers this species (as <i>Euprepis metallicus</i>) to the genus <i>Lygosoma</i> only. From Boulenger's key and descriptions, it is identified as <i>Lygosoma (Emoia) baudinii</i> (Dumeril and Bibron) (p. 296). Loveridge (1948, p. 370) gives a key to the subspecies of <i>Emoia baudinii</i> from which Macleay's specimen is classified as <i>Emoia baudinii palliiceps</i> Vis.			
	<i>Eumences brunneus</i> Macleay, <i>Riopa rufescens</i> (Shaw) Boulenger, 1887. Cat. Liz. Brit. Mus., 3 : 303	Type series 3, 2 in good condition, 1 in fair condition	Darnley Island, Torres Straits *	R94-96, MR242-244	
	<i>Mabouia uniformis</i> Macleay, <i>Riopa rufescens</i> (Shaw) Boulenger, 1887. Cat. Liz. Brit. Mus., 3 : 303	Type I, good condition sub-adult	Cocoanut Island, Torres Straits *	R100, MR513	
	<i>Heteropus variatus</i> Macleay, <i>Leiolopisma fuscum variegatum</i> Macleay, 1877. 2 : 66	Cotypes 3, fair condition	Darnley Island, Torres Straits *	RJ03-105, MR389-391	
	<i>Heteropus variatus</i> Macleay, <i>Leiolopisma fuscum variegatum</i> Macleay, 1877. 2 : 66	<i>Notes</i> : Rec. S.A. Mus., 11 : 78			
	<i>Heteropus variatus</i> Macleay, <i>Leiolopisma fuscum variegatum</i> Macleay, 1877. 2 : 66	<i>Heteropus longipes</i> , <i>H. sexdentatus</i> , <i>H. chevereti</i> and <i>H. quinquecarinatum</i> , into <i>Lygosoma (Leiolopisma) fuscum</i> (Dumeril and Bibron). Loveridge (1948, pp. 361-365) divides this species into several subspecies without reference to Macleay's specimens, but from his key the first two species of Macleay fit into <i>Lygosoma (Leiolopisma) fuscum fuscum</i> (Dumeril and Bibron), and the last three into <i>Lygosoma (Leiolopisma) fuscum lactosum</i> (Peters and Doria). The group was revised by Mitchell (1953) and his examination of Macleay's material verified these two subspecies, but since Macleay's material has priority over that of Peters and Doria, the second subspecies was changed to <i>Leiolopisma fuscum variegatum</i> (Macleay), and MR390 was selected as the lectotype.			
	<i>Heteropus quinquecarinatus</i> Macleay, 1877. 2 : 67	Type series 5, good condition	Darnley Island, Torres Straits *	R98, MR422-426	
	<i>Heteropus chevereti</i> Macleay, <i>Leiolopisma fuscum variegatum</i> Macleay, 1877. 2 : 67	Type series 2, good condition	Barrow Island, N.E. Australia *	R112-113, MR384-385	
	<i>Heteropus chevereti</i> Macleay, <i>Leiolopisma fuscum variegatum</i> Macleay, 1877. 2 : 67	<i>Notes</i> : Rec. S.A. Mus., 11 : 78			

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Scincidae	<i>Heteropus longipes</i> Macleay, 1877. 2: 66	<i>Leiopismia fuscum</i> (Dumeril and Bibron) Mitchell, 1953. Rec. S.A. Mus., 11: 77	Type 1, good condition	Endeavour River, N. Queensland	R101, MR427*
	<i>Heteropus sexdentatus</i> Macleay, 1877. 2: 67	<i>Leiopismia fuscum</i> (Dumeril and Bibron) Mitchell, 1953. Rec. S.A. Mus., 11: 77	Type series 3, good condition	Cape Grenville, N. Queensland	R78-80, MR462-464*
Agamidae	<i>Lophognathus lateralis</i> Macleay, 1877. 2: 103 (Günther)			Katow (Binaturi River), New Guinea*	R362, MR723*
	<i>Notes</i> : Boulenger (1885, p. 395) ascribes this species only to the genus <i>Physignathus</i> . On examination, the specimens agreed with Bonlenger's key and description of <i>Physignathus temporalis</i> , with the exception of Macleay's specimen having only one femoral and one preanal pore on each side, whereas <i>P. temporalis</i> is described with two of each per side				
	<i>Tiaris papuensis</i> Macleay, 1877. 2: 101	<i>Gonycephalus papuensis</i> (Macleay) Boulenger, 1885. Cat. Liz. Brit. Mus., 1: 297	Type 1, good condition	Hall Sound, New Guinea	R335, MR833
	<i>Tiaris boydii</i> Macleay, 1883. 8: 432	<i>Gonycephalus boydii</i> (Macleay) Bonlenger, 1885. Cat. Liz. Brit. Mus., 1: 297	Type series 2, good condition	Herbert River, N. Queensland	R366-367, MR1003-1004
	<i>Notes</i> : Collected J. A. Boyd				
Typhlopidae	<i>Typhlops batillus</i> Waite, 1884. 9: 9	<i>Typhlops batillus</i> Waite	Type 1, good condition	Wagga South Wales	R669
Boidae	<i>Nardoa cressa</i> Macleay, 1885. 10: 66	<i>Liasis fuscus</i> Peter, Boulenger, 1893. Cat. Snakes Brit. Mus., 1: 78	Type 1, good condition	Herbert River, N. Queensland	R877
	<i>Notes</i> : Collected J. A. Boyd, 1885				
Colubridae	<i>Pappophis flavogastra</i> Macleay, 1877. 2: 39	<i>Boiga irregularis</i> (Merrem) Loveridge, 1938. Bull. Mus. Comp. Zool., 101: 387	Type 1, fair condition	Katow (Binaturi River), New Guinea*	R982

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Colubridae	<i>Pappophis laticeps</i> Macleay, 1877. 2 : 39	<i>Boiga irregularis</i> (Merrem) Loveridge, 1948. Bull. Mus. Comp. Zool., 101 : 387	Type series 4, fair condition	Hall Sound, New Guinea	R936-39
	<i>Dipsas boydii</i> Macleay, 1884. 9 : 548	<i>Boiga fusca</i> (Gray) Loveridge, 1934. Bull. Mus. Comp. Zool., 77 : 274	Type 1, good condition	Herbert River, N. Queensland	R927
	<i>Dipsas ornata</i> Macleay, 1888. 3 : 416	<i>Boiga fusca</i> (Gray) Kinghorn, 1929. Rec. Aust. Mus., 17 : 84	Type 1, fair condition	King Sound, N.W. Australia	R926
<i>Notes</i> : Kinghorn synonymized <i>D. ornata</i> with <i>B. fusca</i> and states that the type has 19 midbody scale rows, not 15 as described in the original note by Macleay.					
	<i>Lycodon darmleyensis</i> Macleay, 1877. 2 : 38	<i>Stegonotus cucullatus</i> (Dumeril and Bibron) Boulenger, 1893. Cat. Snakes Brit. Mus., 1 : 365	Type 1, good condition	Darnley Island, Torres Strait	R686
<i>Notes</i> : Boulenger lists this species as a ? synonym of <i>Stegonotus cucullatus</i> . On examination, the type specimen fits the description of this species			*		
	<i>Herpetophis plumbeus</i> Macleay, 1883. 8 : 434	<i>Stegonotus plumbeus</i> (Macleay) Boulenger, 1893. Cat. Snakes Brit. Mus., 1 : 368	Type 1, good condition	Herbert River, N. Queensland	R981, MR1245
<i>Notes</i> : Collected J. A. Boyd. On the basis of this specimen, Macleay erected a new genus, but use of the key in Boulenger confirms the decision to synonymize it with <i>Stegonotus</i> . Although the specimen is superficially similar to <i>S. modestus</i> , it appears to warrant separate species identification					
	<i>Mainophis robusta</i> Macleay, 1877. 2 : 36	<i>Brachyorrhus albus</i> (Linnaeus) Boulenger, 1893. Cat. Snakes Brit. Mus., 1 : 305	Type series 2, good condition	Katow (Binaturi River), New Guinea	R615-16
	<i>Katophis plumbea</i> Macleay, 1877. 2 : 36	<i>Tropidonotus picturatus</i> Schlegel Boulenger, 1893. Cat. Snakes Brit. Mus., 1 : 215	Type series 4, good condition	Katow (Binaturi River), New Guinea	R618-21
<i>Notes</i> : Boulenger lists this as a possible synonym. Use of his key confirms this					
	<i>Tropidonotus angusticeps</i> Macleay, 1883. 8 : 433	<i>Tropidonotus picturatus</i> Schlegel Boulenger, 1893. Cat. Snakes Brit. Mus., 1 : 215	Type 1, fair condition	Herbert River, N. Queensland	R591

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Colubridae	<i>Fordonia papuensis</i> Macleay, 1877. 2 : 35	<i>Fordonia leucobalia</i> (Schlegel) Boulenger, 1896. Cat. Snakes Brit. Mus., 3 : 21	Type series 3, good condition	Katow (Binaturi River). New Guinea *	R.912-14
	<i>Notes</i> : Boulenger (1896, p. 23) suggests that <i>F. papuensis</i> , with 22 midbody scale rows, may be based on an aberrant specimen, and he thus synonymizes this species with <i>Fordonia leucobalia</i> . Re-examination of all the specimens in the type series shows that they have 25-33 midbody scale rows and not 22 as stated in Macleay's description. Thus the synonymy with <i>F. leucobalia</i> , as suggested by Boulenger, is verified				
	<i>Dendrophis bilineatus</i> Macleay, 1883. 8 : 435	<i>Dendrophis punctulatus</i> (Gray) Boulenger, 1896. Cat. Snakes Brit. Mus., 3 : 629	Type series	Herbert River	R.561-2
	<i>Notes</i> : Boulenger synonymizes this species with <i>Dendrophis punctulatus</i> and lists this species as a colour variant along with <i>D. gracilis</i>	Topotype series 5, good condition	Herbert River, N. Queensland	R.557-9	
	<i>Dendrophis gracilis</i> , Macleay, 1875. 1 : 15	<i>Dendrophis punctulatus</i> (Gray) Boulenger, 1894. Cat. Snakes Brit. Mus., 2 : 82	Type series 3, excellent condition	Townsville, N. Queensland	R.569-71
	<i>Notes</i> : Collected by Mr. Spalding				
	<i>Dendrophis breviceps</i> Macleay, 1877. 2 : 37	<i>Dendrophis lineolatus</i> Hombron and Jacquinot Boulenger, Cat. Snakes Brit. Mus., 2 : 85	Type series 3, good condition	Katow (Binaturi River). New Guinea *	R.581-3
	<i>Notes</i> : Boulenger lists this species as a ? synonym of <i>Dendrophis lineolatus</i> . Examination of the specimen confirms this				
	<i>Dendrophis darwiniensis</i> Macleay, 1877. 2 : 37	<i>Dendrophis calligaster</i> Gunther Boulenger, 1894. Cat. Snakes Brit. Mus., 2 : 80	Type 2 series, excellent condition	Darnley Island, Torres Straits *	R.565-6
	<i>Dendrophis katouensis</i> Macleay, 1877. 2 : 37	<i>Dendrophis calligaster</i> Gunther Boulenger, 1894. Cat. Snakes Brit. Mus., 2 : 80	Type series	Katow (Binaturi River). New Guinea *	R.533-4, MR563-4

Family	Name under which Described and Reference Proc. Linn. Soc. N.S.W.	Present Names and Reference	Type of Type, No. and Condition	Locality	M.M. Reg. No.
Elapidae	<i>Elaeophthalmus ornaticeps</i> Macleay, 1877. 2 : 221	<i>Demansia psammophis</i> (Schlegel) Kinghorn, 1941	Type 1, good Juvenile condition	Port Darwin, Northern Territory	R705 MR1305
	<i>Diemenia papuensis</i> Macleay, 1877. 2 : 40	<i>Demansia psammophis papu- ensis</i> (Macleay) Loveridge, 1934. Bull. Mus. Comp. Zool., 77 : 277	Type 1, good condition	Hall Sound, New Guinea *	R713
	Notes : Boulenger (1896, p. 322) synonymized this species with <i>Demansia psammophis</i> , whilst Loveridge suggested that <i>Demansia spammophilus papuensis</i> is a geographical race				
	<i>Diemenia atra</i> Macleay, 1884. 9 : 549	<i>Demansia psammophis olivacea</i> (Gray) Loveridge, 1934. Bull. Mus. Comp. Zool., 77 : 277	Type 1, good condition	Herbert River, N. Queens- land	R708
	Notes : Boulenger (1896, p. 323) notes that <i>D. atra</i> is probably a melanotic specimen of <i>D. olivacea</i> . Loveridge recognizes this synonymy and reduces <i>olivacea</i> to subspecific rank, as <i>D. psammophis olivacea</i>				
	<i>Diemenia angusticeps</i> Macleay, 1888. 3 : 417	<i>Demansia psammophis olivacea</i> (Gray) Loveridge, 1934. Bull. Mus. Comp. Zool., 77 : 277	Type 1, fair condition	King's Sound, Australia	R712
	Notes : Boulenger (1896, p. 323) synonymized <i>D. angusticeps</i> with <i>D. olivacea</i> , which was reduced to subspecific rank in <i>D. psammophis</i> by Loveridge				
	<i>Hoplcephalus branickii</i> Macleay, 1878. 3 : 52	<i>Austroleps superba</i> (Günther) Type		Moss Vale, New South Wales	R541, MR1362
	Notes : Collected C. S. Bransky. Boulenger (1896, p. 343) synonymized this species with <i>Denisonia superba</i> but Worrell erected a new genus <i>Austroleps</i> and discussed reasons for removing it from <i>Demansia</i>				
	<i>Hoplcephalus assimilis</i> Macleay, 1885. 10 : 68	<i>Cryophis nigrescens</i> (Günther) Type		Herbert River, N. Queens- land	R507-9
	Notes : Collected J. A. Boyd. Boulenger (1896, p. 343) synonymized this species with <i>Denisonia nigrescens</i> but Worrell erected a new genus and discussed its relationship to <i>Demansia</i>				

Family	Name under which Described and Reference Proc. Linn. Soc. N.S.W.	Present Names and Reference	Type of Type, No. and Condition	Locality	M.M. Reg. No.
Elapidae	<i>Hoplcephalus carpentariae</i> <i>Unechis carpentariae</i> (Macleay) Macleay, 1877. 2 : 403	Worrell, 1961. W. Aust. Nat., 8 : 25	Type 1, fair condition	Normanton, Gulf of Carpentaria	R505, MR1317
	Notes : Collected Dr. Cox, 1887. Boulenger (1896, p. 344) lists this species as <i>Denisonia carpentariae</i> , which stood until 1961, when Worrell erected a new genus <i>Unechis</i> to accommodate it, and discussed his reasons for removing it from <i>Denisonia</i> . It should be noted that the type specimen differs from Macleay's description in having 19 scale rows and not 15 as is usually stated (e.g. Loveridge, 1934, p. 289)				
	<i>Pseudechis darwinensis</i> <i>Pseudechis australis</i> (Gray) Macleay, 1877. 2 : 220	Thomson, 1930. Aust. J. Exp. Biol. & Med. Sci., 7 : 125	Type 1, good condition	Port Darwin, Northern Australia	R649
	Notes : Collected Mr. Spalding <i>Brachysomus simile</i> Macleay, <i>Pseudelaps diadema</i> (Schlegel) 1877. 2 : 221		Type series 4, fair condition	Port Darwin, Northern Australia	R664-7, MR1421-4
	Notes : Collected Mr. Spalding 1877. 2 : 40				
	<i>Acanthophis laevis</i> Macleay, <i>Acanthophis antarcticus antarcticus</i> (Shaw) Boulenger, 1896. Cat. Snakes Brit. var. ^{or}		Type 1, good condition	Katow (Binaturi River), New Guinea	R693 *

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